

EA



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/776,858	02/06/2001	Kiyoshi Inamochi	010118	6845

23850 7590 08/05/2005

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP  
1725 K STREET, NW  
SUITE 1000  
WASHINGTON, DC 20006

EXAMINER

NGUYEN, NG A B

ART UNIT	PAPER NUMBER
----------	--------------

3628

DATE MAILED: 08/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/776,858

Applicant(s)

INAMOCHI, KIYOSHI

Examiner

Nga B. Nguyen

Art Unit

3628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 April 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on April 26, 2005 has been entered.
2. Claims 1-12 are pending in this application.

### ***Response to Arguments/Amendment***

3. Applicant's arguments with respect to claims 1-12 have been considered but are moot in view of new grounds of rejection.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1, 3, and 10 are rejected under 35 U.S.C. 102(e) as being anticipated by Semple et al (hereinafter Semple), U.S. Patent No. 6,085,177.

Regarding to claim 1, Semple discloses an automatic transaction device, which carries out a normal transaction process with a predetermined host based upon a processing state table when a normal transaction operation is specified (figure 1 and column 3, lines 8-15; column 4, lines 28-32, 47-50, the ATM system 210 performs normal ATM transaction process with the bank 222 as known in the art), comprising:

a WEB transaction-use processing state table which enhances the normal processing state table and which stipulates a WEB transaction carried out by the WWW by the same specifications as the normal processing state table (column 4, lines 47-67; the ATM system 210 provides a normal user interface to both ATM transaction and the access the Internet, the user at the ATM system 210 can access the WWW by pressing the "Web Access" key 230, the user can print out map, direction information using the printer 236 the same as printing a receipt in a normal transaction, thus the ATM system 210 using two processing state tables separately, a normal processing state table and a WEB transaction-use processing state table); and

WEB transaction processing unit which executes a WEB transaction process with a predetermined WEB server based upon the WEB transaction-use processing state table when the WEB transaction is selected (figure 1 and column 4, lines 5-12, 47-67; the ATM system 210 connected to servers 216 via the Internet, the ATM system 210 allows the user access the WWW by pressing the "Web Access" key 230, the system loads web browser software out of memory 232).

Regarding to claim 3, Semple discloses acquiring means for acquiring the WEB transaction-use processing state table through a communication line (figure 1 and

Art Unit: 3628

column 4, lines 13-16, the ATM system 210 connects to the Internet 214 through a modem or dedicated communication card 218).

Regarding to claim 10, Semple discloses a recording medium, which has a transaction program for allowing a computer to execute various transaction methods, and is read by a computer, comprising:

a transaction program for allowing the computer to execute WEB transaction processing operation with the predetermined server based upon the WEB transaction-use processing state table when a WEB transaction is selected (figure 1 and column 4, lines 25-67; the ATM system 210 includes the processor 224 which provides for communication access with the Internet 214, the web browser software stored in the memory 232 allows the user access to the WWW).

### ***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 2 and 4-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Semple et al (hereinafter Semple), U.S. Patent No. 6,085,177, in view of Flenley, U.S. Patent No. 6,505,178.

Regarding to claims 2, 5, 8, Semple does not disclose the WEB transaction processing unit transmits information obtained in the normal transaction to the WEB server to which the accessing is made. However, Flenley discloses the WEB transaction processing unit transmits information obtained in the normal transaction to the WEB server to which the accessing is made (column 5, line 55-column 6, line 7; the user's bank account information obtained in the normal transaction at the Bank server is transmitted to other sites, e.g. Airline booking system site, utility company sites, supermarket sites in order to pay for the transaction obtained at those sites). Therefore, it would have been obvious to one with ordinary skill in the art at the time the invention was made to modify Semple's to include the feature above, for the purpose of providing more convenient and time consuming for the user because the user need not to enter the account information when performing WEB transaction.

Regarding to claims 6, 9, Semple further discloses acquiring means for acquiring the WEB transaction-use processing state table through a communication line (figure 1 and column 4, lines 13-16, the ATM system 210 connects to the Internet 214 through a modem or dedicated communication card 218).

Regarding to claims 4, 7, Semple does not disclose the WEB transaction-use processing state table include: a definition of a screen displayed upon access to a WEB server; a definition of an extension file in which one portion of the definition for the WEB transaction is written; a definition of a screen upon printing a receipt; a definition of a screen upon outputting the receipt; a definition of the next processing state table upon completion of a normal WEB transaction; a definition of the next processing state table

upon completion of a WEB transaction with a predetermined code; a definition of a screen in the event of time out during the first URL navigation, a definition of an extension processing state table being allowed to include the state of a screen in the event of time-out during the first URL navigation, a definition of URL to which a navigation is made in the event of an error, a definition of a timer determining time-out of the URL navigation made in the event of an error, and a definition of display time of a display used upon detection of the time-out of the first URL navigation. However, Flenley discloses the WEB transaction-use processing state table include: a definition of a screen displayed upon access to a WEB server; a definition of an extension file in which one portion of the definition for the WEB transaction is written (column 2, lines 5-60). Moreover, the rest of features are well known in the art of accessing the Internet. For example, when a user conducts transactions over the Internet, the web pages written in html displaying to the user that a receipt is printing, receipt is outputting, a transaction confirmation page with a transaction ID upon the user completes the transaction, a page with message "the page has been expired" displayed to the user when the user tries to obtain the previous pages by clicking the back button in the toolbar, a page displayed an error message when the user try to access a not existing web site, etc... Therefore, it would have been obvious to one with ordinary skill in the art at the time the invention was made to modify Semple's to combine the teaching of Flenley and the well known features above for the purpose of assisting the customer to access and retrieve information over the Internet.

Art Unit: 3628

8. Claims 11 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Semple et al (hereinafter Semple), U.S. Patent No. 6,085,177.

Regarding to claim 11, Semple discloses an automatic transaction device, comprising:

a normal transaction processing unit which executes a normal transaction process with a predetermined normal transaction-use host based upon the normal transaction-use processing state table when the normal transaction is selected (column (column 4, lines 28-30; the processor 224 performs normal functions of a prior-art ATM systems);

a WEB transaction processing unit which executes a WEB transaction process with a predetermined WEB server based upon the WEB transaction use processing state table when the WEB transaction is selected (figure 1 and column 4, lines 5-12, 47-67; the ATM system 210 connected to servers 216 via the Internet, the ATM system 210 allows the user access the WWW by pressing the "Web Access" key 230, the system loads web browser software out of memory 232). ;

a normal transaction control section which controls the normal transactions based upon the states of the normal transaction-use state table (column 4, lines 47-50; the ATM system 210 provides a normal user interface to ATM transactions);

a WEB transaction control section which is placed in a separated manner from the normal transaction control section and controls transactions related to the WEB based upon states of the WEB trans-action use state table (column 3, lines 50-55; the



Web access software means such as Netscape, Microsoft Explorer allows the user the access the Internet at the ATM); and

a state table acquiring section which acquires a state table from a source of the state table through communication line and sets, supplements, or updates the state table of the state table group (column 3, lines 9-15; the display systems provides visual detail of Web pages through the Internet as represented at the ATM).

Sample does not disclose a state table group that is a collection of state tables, the state table group including a normal transaction-use state table having a plurality of states on normal transactions and a WEB transaction-use state table having a plurality of states on WEB transaction. However, a state table group that is a collection of state tables, the state table group including a normal transaction-use state table having a plurality of states on normal transactions and a WEB transaction-use state table having a plurality of states on WEB transaction are well known in the art. For example, a normal transaction-use state table having a plurality of states on normal transactions described in the figures 9-14 (state tables A through J) in the current invention is well known in the conventional ATM. The conventional ATM containing a plurality of displaying screens allows the user to insert the ATM card in order process the ATM transactions such as withdraw, deposit, check balance, etc. Moreover, a WEB transaction-use state table having a plurality of states on WEB transaction such as a plurality of html pages. The conventional Internet containing a plurality of html pages allows the user to browses different web pages. Therefore, it would have been obvious to one with ordinary skill in the art at the time the invention was made to modify

Art Unit: 3628

Sample's to include the well known features above for the purpose of assisting the customer to access and retrieve information from the ATM and over the Internet.

Regarding to claim 12, Sample further discloses wherein the WEB transaction-use processing state table enhances the normal processing state table and stipulates a WEB transaction carried out by the WWW by the same specifications as the normal processing state table (column 4, lines 47-67; the ATM system 210 provides a normal user interface to both ATM transaction and the access the Internet, the user at the ATM system 210 can access the WWW by pressing the "Web Access" key 230, the user can print out map, direction information using the printer 236 the same as printing a receipt in a normal transaction, thus the ATM system 210 using two processing state tables separately, a normal processing state table and a WEB transaction-use processing state table).

### ***Conclusion***

9. Claims 1-12 are rejected.
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Nga B. Nguyen whose telephone number is (571) 272-6796. The examiner can normally be reached on Monday-Thursday from 9:00AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hyung S. Souh can be reached on (571) 272-6799.

Art Unit: 3628

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-3600.

11. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

C/o Technology Center 3600

Washington, DC 20231

Or faxed to:

(571) 273-8300 (for formal communication intended for entry),

or

(571) 273-0325 (for informal or draft communication, please label "PROPOSED" or "DRAFT").

Hand-delivered responses should be brought to Knox building, 501 Dulany Street, Alexandria, VA, First Floor (Receptionist).

Nga B. Nguyen



July 20, 2005